METHOD AND APPARATUS FOR UPGRADING SOFTWARE IN NETWORK BRIDGES
Attorney Docket No. A de Heer 7-2-2-1
Eamon J. Wall, Attorney 732-530-9404

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FIG. 1
(PRIOR ART)

METHOD AND APPARATUS FOR UPGRADING SOFTWARE IN NETWORK BRIDGES
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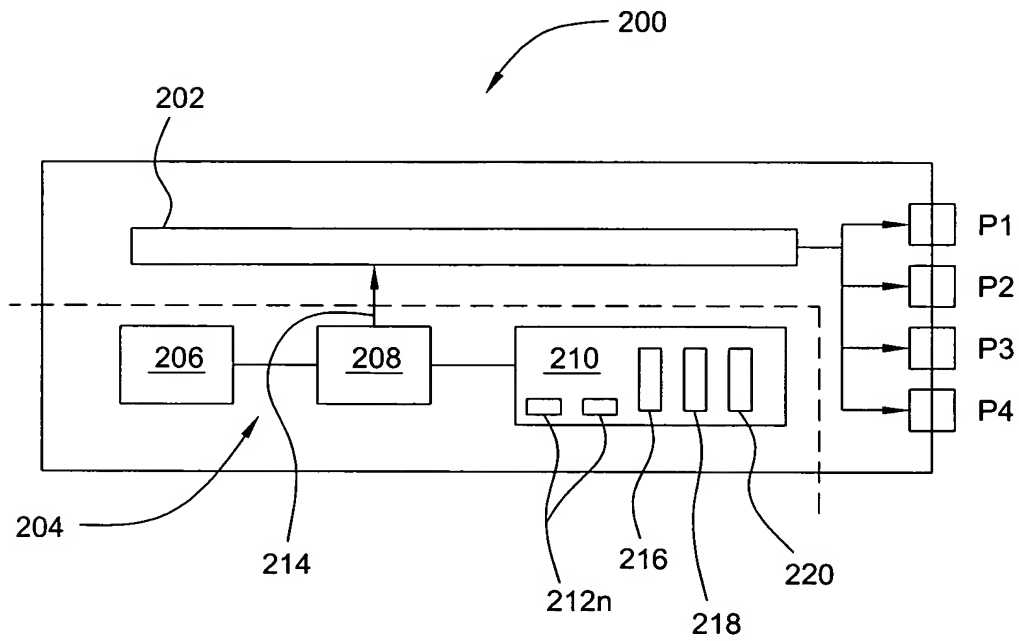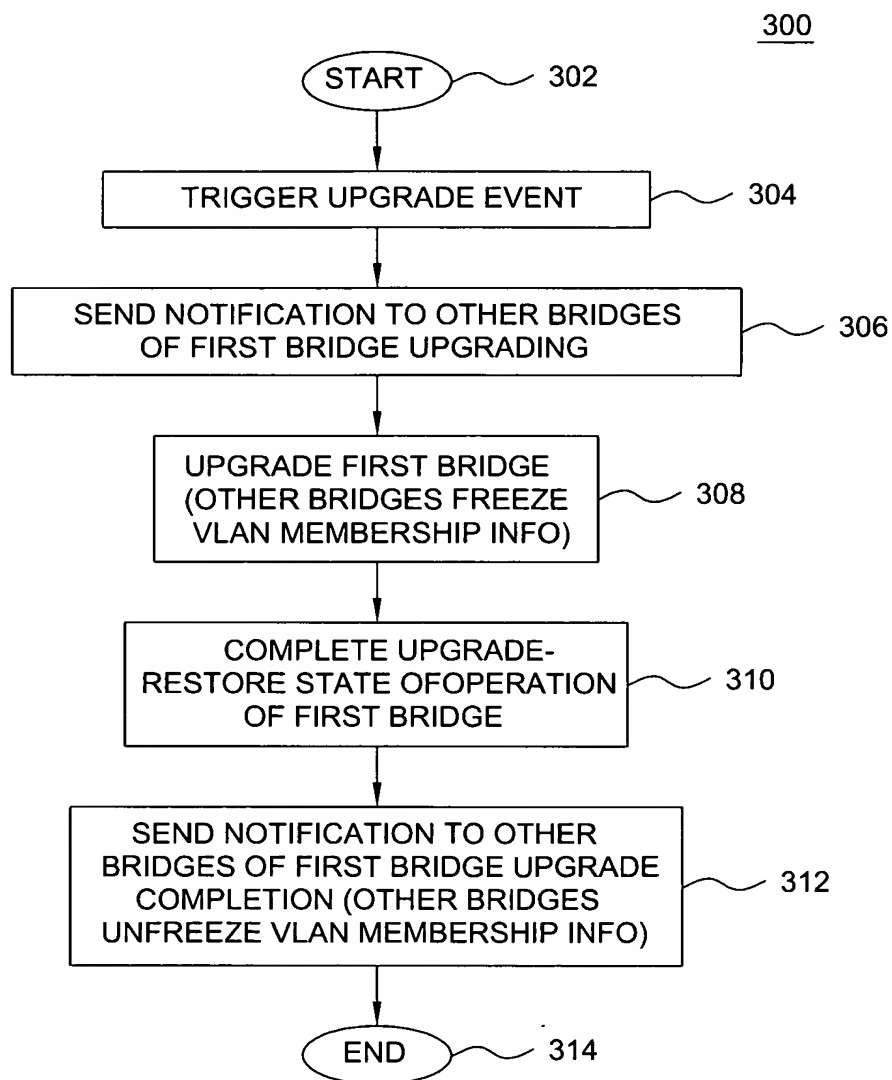Eamon J. Wall, Attorney 732-530-9404

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FIG. 2

METHOD AND APPARATUS FOR UPGRADING SOFTWARE IN NETWORK BRIDGES
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300

START — 302

TRIGGER UPGRADE EVENT — 304

SEND NOTIFICATION TO OTHER BRIDGES
OF FIRST BRIDGE UPGRADING — 306

UPGRADE FIRST BRIDGE
(OTHER BRIDGES FREEZE
VLAN MEMBERSHIP INFO) — 308

COMPLETE UPGRADE-
RESTORE STATE OFOPERATION
OF FIRST BRIDGE — 310

SEND NOTIFICATION TO OTHER
BRIDGES OF FIRST BRIDGE UPGRADE
COMPLETION (OTHER BRIDGES
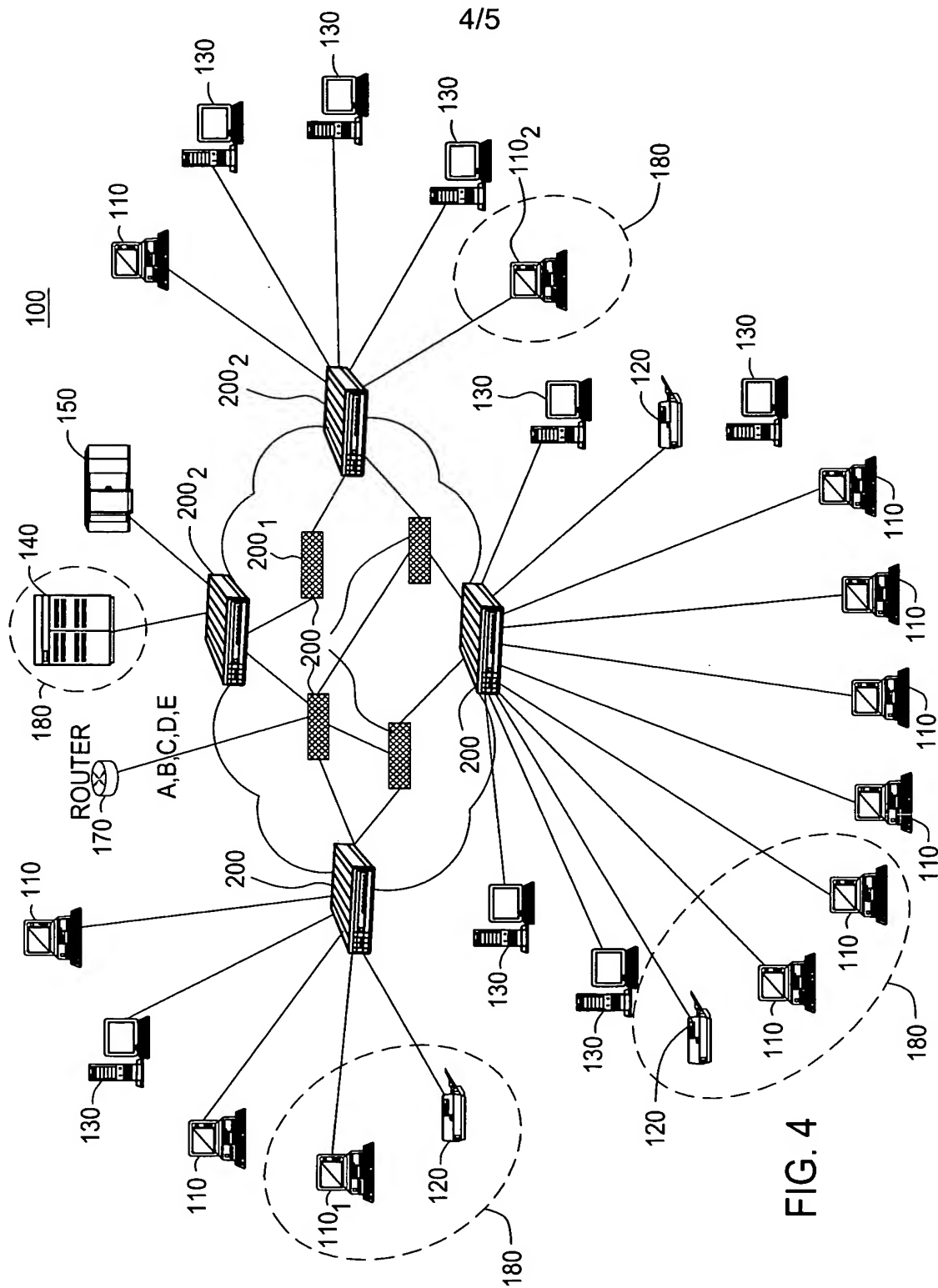UNFREEZE VLAN MEMBERSHIP INFO) — 312

END — 314

FIG. 3

METHOD AND APPARATUS FOR UPGRADING SOFTWARE IN NETWORK BRIDGES
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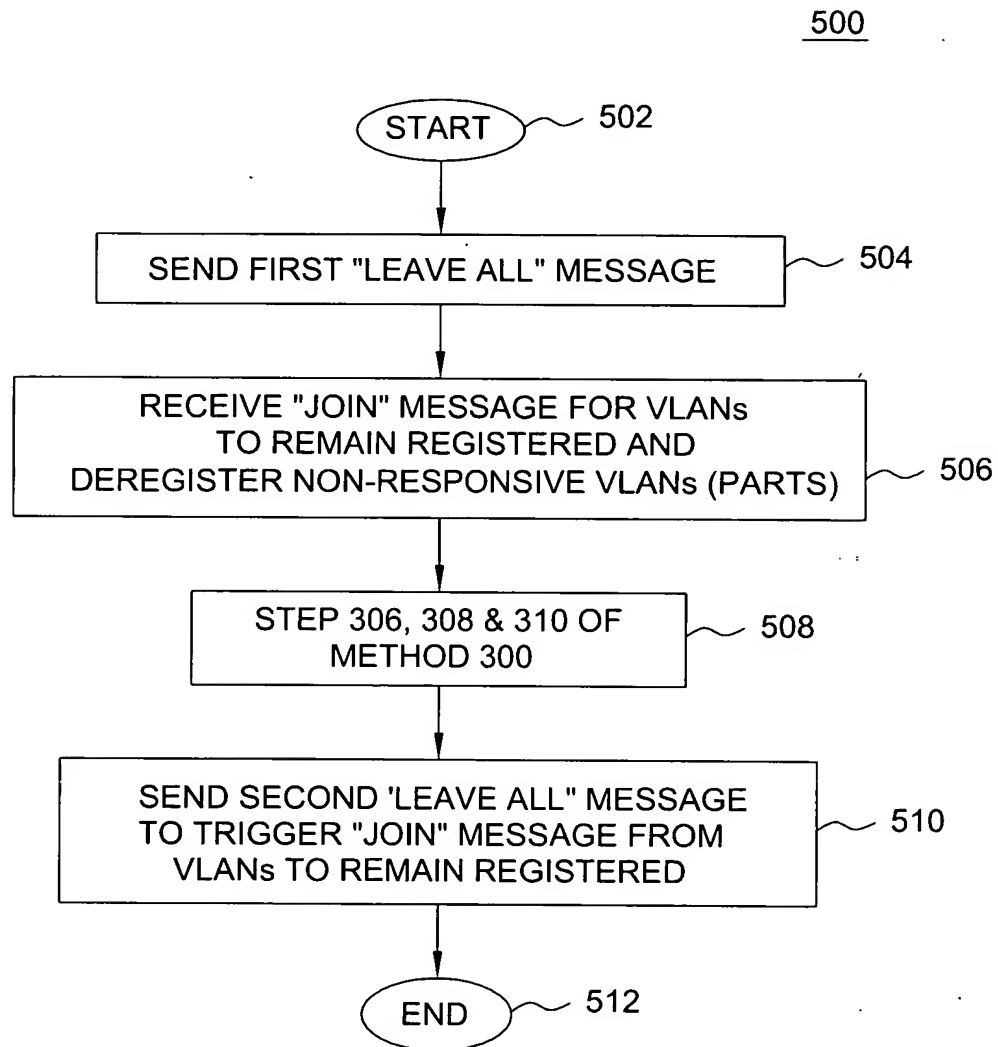Eamon J. Wall, Attorney 732-530-9404

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FIG. 4

500

START — 502

↓

SEND FIRST "LEAVE ALL" MESSAGE — 504

↓

RECEIVE "JOIN" MESSAGE FOR VLANs
TO REMAIN REGISTERED AND
DEREGISTER NON-RESPONSIVE VLANs (PARTS) — 506

↓

STEP 306, 308 & 310 OF
METHOD 300 — 508

↓

SEND SECOND 'LEAVE ALL" MESSAGE
TO TRIGGER "JOIN" MESSAGE FROM
VLANs TO REMAIN REGISTERED — 510

↓

END — 512

FIG. 5